

ALTERNATE MATERIALS AND METHODS OF CONSTRUCTION

(AMMC)

(2000)

The following is a summary of processed Alternate Materials and Methods of Construction applications, which were filed, with the City of San Jose Building Division in year 2000. The paper copy of the original documents can be viewed at the City of San Jose Building Division. Due to copyright law, these documents can not be copied without a written consent of owner and designer. Individuals interested in viewing any particular AMMC document are encouraged to contact Paul Garcia at (408) 277-8666 or Roger Beaudoin at (408) 277-8170.

Since each application of AMMC request is uniquely tailored for a specific project to address a unique situation, the same approval may not be applicable to other projects even though there may be strong similarities between the projects. However, projects with similar AMMC request conditions may cite previous approvals as supporting evidence for their specific request.

AMMC #	Code Section ①	Project Name or Address	Subject of Alternate	Approved Alternates / Actions
00-001	Table 5A & 1006.3.5.3	1122 Willow Street	Protection of openings in proximity to property line	1) Provide Water Impinged Wall per F.D. requirements.
00-002	Table 3-B	6293 San Ignacio	Elimination of 1 hour occupancy separation between loading dock and storage area.	1) Provide draft stop to enclose the area. 2) Increase the number of sprinklers in the loading dock area.
00-003	Chapter 19 & 1605.2	150 South First Street	Existing floor slab is not adequate to meet future tenant live load requirements of 100 and 150 psf.	1) Install Carbon Fiber Reinforcement (CFR) placed onto the underside of slab. 2) Provide 2-hour fire protection for CFR.
00-004	508	160 W. Santa Clara St.	Provide fabric awning roof cover in Type I construction.	1) Provide metal frame and fire retarded fabric.

				2) Provide quick response sprinkler heads under the awning.
00-005	713.9 & 1004.3.4.3.2.2	2190 Gold St.	Use of glass in 1-hour rated wall	1) Use of tempered glass 2) Installation of quick response sprinkler heads
00-006	713.9 & 1004.3.4.3.2.2	2160 Gold St.	Use of glass in 1-hour rated wall	3) Use of tempered glass 4) Installation of quick response sprinkler heads
00-007	1004.3.2.3.1 & 1008.5.5	100 Skyway Dr.	Width of grandstands	1) Use of IBC in allowing less width for exit width (1008.5.3)
00-008				1)
00-009	1005.3.4.4	100 Skyway Dr.	Openings into exit passageway	1) Install 60 minute rated roll down door, to be heat detector actuated.
00-010	1003.1	100 Skyway Dr.	Number of exits from 3 rd floor	1) This level is only one story above level of main entrance. See actual AMMC document for full explanation.
00-011	310.4 ('94 UBC)	250 Palm Valley Dr.	Rescue windows from 2 nd & 3 rd floor open directly out & provide Fire Dept ladder to have 70 –75 degree angle.	1) Ok'd by Fire Dept. for "as is" since the 2 nd floor window exits on lower roof with maximum pitch of 5:12 and ladder can maintain 70 degree angle for the 3 rd floor.
00-012	1006.3.3.1	250 Palm Valley Blvd.	Open Exterior Stairways	1) 1 hour construction of wall in area adjacent to the stairways 2) Provide rated doors. 3) Water Impinged 4) Quick Response sprinklers.
00-013	Table 3B	1355 N. 4 th St.	1-Hour separation between hotel lobby and porte cocher.	1) Quick response sprinklers at 6' o.c maximum on each side of storefront and doors.

00-014	1003.5 ('94 UBC)	1355 N. 4 th St.	Corridor with occupant load greater than 30 requires 1 hour const.	1) 2 nd exit through a non-rated adjoining room is allowed per '97 UBC 2) Provide smoke detectors in new addition lobby area.
00-015	1005.3.3.2	170 Baytech Drive	Use of non-rated glass in 1-hour construction in exit corridor.	1) Install Water Impinged Wall 2) Install Quick Response sprinklers.
00-016	1005.3.3.2	170 Baytech Drive	Use of non-rated glass in 1-hour construction in exit corridor.	3) Install Water Impinged Wall 4) Install Quick Response sprinklers.
00-017	310.4 ('94 UBC)	4341 Silver Creek Rd.	Rescue window opens onto roof / overhang	The 5:12 roof slope is not deemed too steep for fire fighters to perform rescue. AMMC is accepted "as is".
00-018	1003.3.10	61 Rio Robles	Rated glazing for building openings within 10 feet of stairwell enclosure openings.	1) Install quick-response fire sprinkler over windows THIS AMMC APPLICATION WAS WITHDRAWN BY THE APPLICANT
00-019	503.2.1 ('94 UBC)	Martha & Sixth	Location of exit balconies or roof eaves in areas required to be protected due to location of assumed property line	1) Provide sprinkler heads at the interior of openings & at the underside of the eaves.
00-020	1006.11 ('94 UBC)	Martha & Sixth	Protection of exterior doors close to the property line.	1) Provide 1 hour rated doors
00-021	1006.3.3.1	Martha & Sixth	Opening on not less than 2 sides of stairs	1) Calculate perimeter of the stairs. If more than 50% open, then it is OK.
00-022	1006.3.3	Martha & Sixth	Opening on not less than 2 sides of stairs	1) Calculate perimeter of the stairs. If more than 50% open, then it is OK.
00-023	503.2.1 ('94 UBC)	Martha & Sixth	Location of exit balconies or roof eaves in areas required to be protected due to location of assumed property line	1) Provide sprinkler heads at the interior of openings & at the underside of the eaves.
00-024	VOID			

00-025	1006.3.3	333 S. Capitol Ave.	Opening on not less than 2 sides of stairs	1) Calculate perimeter of the stairs. If more than 50% open, then it is OK.
00-026	1003.3.3	39 E. Rio Robles	Protection of exterior wall openings	1) Provide quick response fire sprinklers in lieu of 45 minute rated glazing
00-027	1005.3.3	39 E. Rio Robles	Elevators opening onto exit passageway	1) Provide 3 hour rated wall construction between elevator and exit passageway. 2) Provide 3 hr. rated self closing door at elevator door opening.
00-028	Table 5-A	Century Center	Opening on property line at a loading dock	1) Provide a 3 hour rated roll up door 2) Provide quick response sprinkler head
00-029	1003.3.1	101 Park Center Plaza	Use of lock at the elevator lobby doors.	Lock set to be released by the following methods: 1) Pull station inside elevator lobby. 2) Alarm mode in life safety system 3) Key 4) Elevator seismic sensor. 5) Access control card.
00-030	UPC 609.6 & 609.7	Fairmont Hotel Add.	Location of water supply on different lot.	1) Provide lot tie agreement.
00-032	403.7	1731 Technology Dr.	Installation of Herculite glass entry door in the rated elevator lobby	1) Provide water impinged at the glass door 2) Provide Smokeguard over elevator doors.
00-033	Table 6-A	Santana Row Parcel 3	1 hour fire rated floor/ceiling assembly requirements of Type IV HT in lieu of Type III	Approved with no further modifications.
00-034	Table 6-A	Santana Row Parcel 4	1 hour fire rated floor/ceiling assembly requirements of Type IV HT in lieu of Type III	Approved with no further modifications.
00-035	302.3	875 S. 13 th . St.	1-hour occupancy sep. between	1) Provide water-impinged system at the

			covered parking and entry door	openings.
00-036	503.2	302 S. Market St.	Egress across the property line.	<ol style="list-style-type: none"> 1) Provide a dedicated egress easement 2) A four-hour fire resistive passageway to be provided between the two parcels. 3) Provide quick response sprinklers within the exit passageway.
00-037	1003.3.1.8	150 Almaden Blvd.	Electrified locks do not release during an emergency at the elevator lobby for exiting.	<ol style="list-style-type: none"> 1) Connect existing elevator pull station to the elect. Locks and alarm panel to fail-safe. 2) Attach alarm panel & elect. Locks to the seismic control for the elevator to fail safe during an earthquake.
00-038	302	500 S. Winchester Blvd.	1-hour occupancy sep. between covered parking and entry door	<ol style="list-style-type: none"> 1) Provide water-impinged system at the openings.
00-039	1003.3.3.10	3544 N. 1 st . St.	Rated glazing for openings within 10 feet of stairwell enclosure opening.	<ol style="list-style-type: none"> 1) Use of quick response sprinklers to be installed over windows within 10' of stairwell openings. 2) Provide protection on the interior and exterior of windows on the 1st & 2nd floor. 3) Provide protection on the interior of windows on the 3rd & 4th floor.
00-040	302	1001 Story Rd.	Occupancy separation between A2.1 (upstairs) and M/B (downstairs).	<ol style="list-style-type: none"> 1) Provide quick response sprinklers and barriers along the glazing storefront of the retail at the lower floor. 2) Doors shall be self-closing.
00-041	1003.3.3.10	3544 N. 1 st . St.	Rated glazing for openings within 10 feet of stairwell enclosure opening.	<ol style="list-style-type: none"> 1) Use of quick response sprinklers to be installed over windows within 10' of stairwell openings. 2) Provide protection on the interior and

				<p>exterior of windows on the 1st & 2nd floor.</p> <p>3) Provide protection on the interior of windows on the 3rd & 4th floor.</p>
00-042	1003.3.3.10	85 Rio Robles	Rated glazing for openings within 10 feet of stairwell enclosure opening.	<p>1) Use of quick response sprinklers to be installed over windows within 10' of stairwell openings.</p> <p>2) Provide protection on the interior and exterior of windows on the 1st & 2nd floor.</p> <p>3) Provide protection on the interior of windows on the 3rd & 4th floor.</p>
00-043	302.3	911 Capitol Expwy.	1-hour occupancy sep. between covered parking and entry door	1) Provide water-impinged system at the openings.
00-044	503, 705, Table 5A	150 Palm Valley Blvd.	Distance from unprotected openings to an assumed property line between the apartment buildings and the entrance arcade.	1) Provide a water curtain of closely spaced sprinklers (6' apart) along the exposure on each face of each corner of apartment buildings. These would occur at 2 nd floor and at roof.
00-045	1005.3.4.4	150 Palm Valley Blvd.	Elevators shall not open into exit passageway.	1) Provide a 2-hour rated wall and a 1-1/2 hour door on a magnetic hold open device
00-046	Table 3-B	488 Almaden Blvd.	Requirement of 1 hour occupancy separation between B and S-3	<p>1) Exterior windows require 1-hour protection/</p> <p>2) Provide closely spaced quick-response sprinklers along the interior of the exterior walls.</p>
00-047	1004.3.2.3.1, 1008.7, Table 10-D	100 Skyway Drive	Extra Width calculations for bleachers.	1) Use IBC Section 1008.5.3 for analysis (less conservative).

00-048	1005.3.3.5	West Park	Exit passageway at elevator lobby.	1) Provide 1-1/2 hour rated door at the garage level and 90 minute door at the hoistway opening.
00-049	1003.3.3.11	West Park	Roof Access	1) Provide an access ladder from the 3 rd floor exit balcony to the roof.
00-050	1003.3.3.11	West Park	Roof Access	1) Provide an access ladder within the adjacent stairway with a roof hatch at the roof.
00-051	UBC Stand. 7-7	West Park	Heavy timber construction at exit balconies as an alternate to one-hour construction.	1) Use heavy timber for support of exit balconies 2) Provide 1-hour fire resistive door assemblies at the dwelling unit door adjacent to the balconies. 3) Provide sprinkler protection at the windows adjacent to balcony
00-052	310.4	Northside Senior Housing	Alternate means of rescue and egress from bedrooms	1) Provide three 60-minute rated doors within corridor. 2) The doors to be on magnetic hold open devices wired to fire alarm system. 3) Upgrade the sprinkler system from light to ordinary hazard.
00-053	503.3, 1006.3.2.4, 1006.3.5.3	4500 The Woods drive	The addition of windows within 5' of an assumed property line.	1) Provide 45-minute rated windows with sprinkler heads located on unit side of glazing.
00-054	1003.3.1	1745 Technology Dr.	Use of lock at the elevator lobby doors.	Lock set to be released by the following methods: 6) Pull station inside elevator lobby. 7) Alarm mode in life safety system 8) Key 9) Elevator seismic sensor. 10) Access control card.

① 1998 California Building Code, unless noted otherwise.